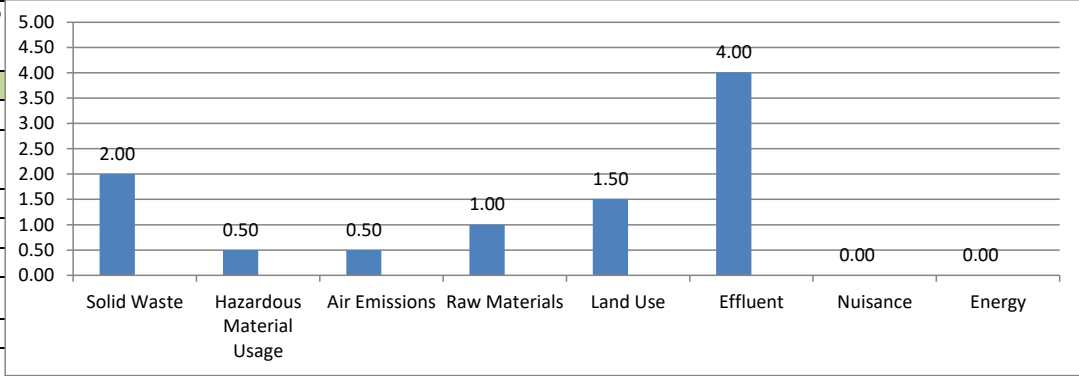


AI080	Energy Centre Discharge		Occurrence	Detection	Consequence	Operational Significance	Impact score	Significance
Activity Description:	The discharge from the Energy Centre is in effect dirty water with low levels of contaminants within the effluent. This would not significantly add to the volumes being treated but at the same time remove the need for tankering and further treatment.	Normal	4.00	1.00	1.19		2	LOW
Source	Contaminated water from the process including blow down and leachates from the wood chip	Abnormal	3.00	1.00	3.00		2	LOW
Pathway	Water-bourne through drains.	Emergency	2.00	2.00	3.00		2	LOW
Receptor	River Gipping	Average	3.00	1.33	2.40	4.00	38.33	LOW

Mitigation
Currently discharged off site via tankers. By directing it to the waste water treatment plant, it will be possible to remove tanker movements from the road. In addition the water will help with dilution and homogeneity of the untreated effluent going into the WWTP.

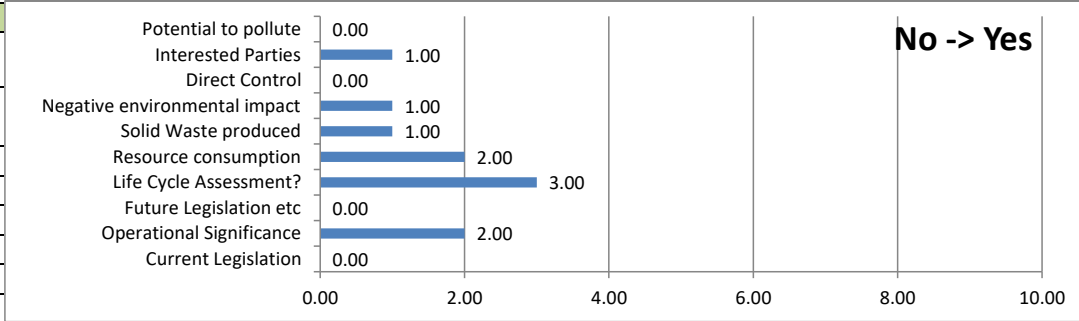
Environmental Aspects

Solid Waste	Suspended solids that will settle out or be filtered out by the process
Hazardous Material Usage	None
Air Emissions	None
Raw Material Usage	Water used for cleaning and dilution purposes
Land Use	No additional land use required
Effluent	The effluent is relatively benign in that there are very low levels of contaminants that will be removed safely by the WWTP
Nuisance	None
Energy	Drains are gravity fed



Environmental Impacts

Solid Waste	Sludges etc can be disposed of as a solid waste giving potential for leachate and therefore pollution potential. This is thought to be unlikely
Hazardous Material Usage	None
Air Emissions	None
Raw Material Usage	Water usage is a depletion of a natural resource
Land Use	None
Effluent	Minimal impact
Nuisance	None
Energy	Minimal energy requirements



No -> Yes